




ThinkPad N5321 Mobile Broadband HSPA+ User Guide

 <http://www.lenovo.com/safety>

Note: Before installing the product, be sure to read the warranty information in Appendix B “Lenovo Limited Warranty” on page 9.

First Edition (April 2013)

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Chapter 1. About the wireless WAN adapter

This chapter provides general information about the ThinkPad® N5321 Mobile Broadband HSPA+ (hereafter referred to as the wireless WAN adapter).

Product description

If you are using a ThinkPad computer that supports the wireless Wide Area Network (WAN) adapter, you can install the wireless WAN adapter into a Peripheral Component Interconnect (PCI) Express M.2 card slot in your computer.

The option package includes the following:

- ThinkPad N5321 Mobile Broadband HSPA+
- Setup posters
- Warranty poster

Chapter 2. Installing the wireless WAN adapter

This chapter provides information about installing the wireless WAN adapter, and instructions on how to configure the wireless WAN adapter on the following operating systems:

- Microsoft® Windows® 7
- Microsoft Windows 8

Before you begin

Before installing the wireless WAN adapter, carefully read the following information .

Attention: The wireless WAN adapter is shipped with an antistatic bag. When handling, take the following precautions to prevent static electricity from damaging the electronic parts:

- Do not open the antistatic bag until you are ready to install the wireless WAN adapter into the PCI Express M.2 card slot in your computer.
- Before removing the wireless WAN adapter from the antistatic bag, drain static electricity from the bag and from your body by touching the bag to a metal table or a grounded metal object.

Installing the wireless WAN adapter

When installing or replacing the wireless WAN adapter, be sure to follow the precautions below.



DANGER

During electrical storms, do not connect the cable to or disconnect it from the telephone outlet on the wall.



DANGER

Electric current from power, telephone, and communication cables is hazardous. To avoid shock hazard, disconnect the cables before opening the cover of the PCI Express M.2 card slot.

To install the wireless WAN adapter, do the following:

1. Turn off the computer.
2. Install the wireless WAN adapter following the step-by-step instructions on the setup posters.

Note: Contact your local Service Provider to obtain a Subscriber Identify Module (SIM) card if necessary. Install the SIM card following the instructions in the user guide for your ThinkPad computer.

3. Restart your computer.

Configuring the wireless WAN adapter on Windows operating systems

To configure the wireless WAN adapter on the Windows 7 or Windows 8 operating system, do the following:

For the Windows 7 operating system:

1. Download and install the device driver for the wireless WAN adapter and the Lenovo® Mobile Broadband Activation (LMBA) program by doing one of the following:

- Go to <http://www.lenovo.com/support/wireless>, and then follow the instructions on the screen.
- Start the ThinkVantage® System Update program by doing the following:
 - a. Click **Start → All Programs → Lenovo ThinkVantage Tools**.
 - b. Double-click **Update and Drivers**. Then, following the instructions on the screen.
- 2. Start the LMBA program to activate the wireless WAN adapter. An account with a mobile broadband Service Provider is required.
- 3. Start the ThinkVantage Access Connections™ program to confirm your wireless connection or to assist in resolving any connection problems. For detailed configuration instructions, refer to the Access Connections help information system.

Notes: To open the Access Connections help information system, do the following:

- a. Click **Start → All Programs → Lenovo ThinkVantage Tools**.
- b. Double-click **Internet Connections**. The Access Connections window opens.
- c. Click the question mark (?), and then click **Access Connections Help**.

For the Windows 8 operating system:

1. Download and install the device driver for the wireless WAN adapter and the Lenovo Mobile Access (LMA) program by doing one of the following:
 - Go to <http://www.lenovo.com/support/wireless>, and then follow the instructions on the screen.
 - Use the System Update program by doing the following:
 - a. Right-click anywhere on the Start screen, and then click **All apps** on the bottom bar. The **Apps** menu is displayed.
 - b. Click **System Update**, and then follow the instructions on the screen.
2. Start the LMA program to activate the wireless WAN adapter. An account with a mobile broadband Service Provider is required.

Note: If there is no LMA program installed on the computer, search the LMA program in the Windows Store and install it before you begin.

3. Click **Lenovo Mobile Access** from the Start screen, and then follow the instructions on the screen.

Chapter 3. Troubleshooting

If you experience the following problem with the wireless WAN adapter, try the solution provided to solve the problem.

Problem: I have correctly installed the wireless WAN adapter on my computer, but the computer fails to recognize the wireless WAN adapter.

Solution: Reset the Unified Extensible Firmware Interface (UEFI) Basic Input/Output System (BIOS) configuration of your computer to the default settings by doing the following:

1. Turn on the computer.
2. When you see the ThinkPad logo screen, press F1 to enter the BIOS.
3. Press F9, and then select **Yes** to load the default configuration.
4. Press F10 to save configuration changes and exit. The Setup Confirmation window opens.
5. Select **Yes** in the Setup Confirmation window. The computer restarts.

Note: After the computer restarts, the BIOS changes are automatically saved. There is no need to reset the BIOS configuration again the next time you start your computer.

Appendix A. Service and Support

The following information describes the technical support that is available for your product, during the warranty period or throughout the life of your product. Refer to the Lenovo Limited Warranty for a full explanation of Lenovo warranty terms.

Online technical support

Online technical support is available during the lifetime of a product at:
<http://www.lenovo.com/support>

Product replacement assistance or exchange of defective components also is available during the warranty period. A Lenovo technical support representative can help you determine the best alternative. In addition, if your Lenovo option is installed into a Lenovo computer, the option takes on the warranty of the computer in which it is installed. For many Lenovo computers, this can entitle the Lenovo option for warranty service up to three years.

Telephone technical support

Installation and configuration support through the Customer Support Center will be available until 90 days after the option has been withdrawn from marketing. After that time, the support is cancelled, or made available for a fee, at Lenovo's discretion. Additional support is also available for a nominal fee.

Before contacting a Lenovo technical support representative, please have the following information available: option name and number, proof of purchase, computer manufacturer, model, serial number and manual, the exact wording of any error message, description of the problem, and the hardware and software configuration information for your system.

Your technical support representative might want to walk you through the problem while you are at your computer during the call.

Telephone numbers are subject to change without notice. The most up-to-date telephone list for Lenovo Support is always available at <http://www.lenovo.com/support/phone>. If the telephone number for your country or region is not listed, contact your Lenovo reseller or Lenovo marketing representative.

Appendix B. Lenovo Limited Warranty

L505-0010-02 08/2011

This Lenovo Limited Warranty consists of the following parts:

Part 1 - General Terms

Part 2 - Country-specific Terms

Part 3 - Warranty Service Information

The terms of **Part 2** replace or modify terms of **Part 1** as specified for a particular country.

Part 1 - General Terms

This Lenovo Limited Warranty applies only to Lenovo hardware products you purchased for your own use and not for resale. This Lenovo Limited Warranty is available in other languages at www.lenovo.com/warranty.

What this Warranty Covers

Lenovo warrants that each Lenovo hardware product that you purchase is free from defects in materials and workmanship under normal use during the warranty period. The warranty period for the product starts on the original date of purchase as shown on your sales receipt or invoice or as may be otherwise specified by Lenovo. The warranty period and type of warranty service that apply to your product are as specified in “**Part 3 - Warranty Service Information**” below. This warranty only applies to products in the country or region of purchase.

THIS WARRANTY IS YOUR EXCLUSIVE WARRANTY AND REPLACES ALL OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. AS SOME STATES OR JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF EXPRESS OR IMPLIED WARRANTIES, THE ABOVE EXCLUSION MAY NOT APPLY TO YOU. IN THAT EVENT, SUCH WARRANTIES APPLY ONLY TO THE EXTENT AND FOR SUCH DURATION AS REQUIRED BY LAW AND ARE LIMITED IN DURATION TO THE WARRANTY PERIOD. AS SOME STATES OR JURISDICTIONS DO NOT ALLOW LIMITATIONS ON THE DURATION OF AN IMPLIED WARRANTY, THE ABOVE LIMITATION ON DURATION MAY NOT APPLY TO YOU.

How to Obtain Warranty Service

If the product does not function as warranted during the warranty period, you may obtain warranty service by contacting Lenovo or a Lenovo approved Service Provider. A list of approved Service Providers and their telephone numbers is available at: www.lenovo.com/support/phone.

Warranty service may not be available in all locations and may differ from location to location. Charges may apply outside a Service Provider’s normal service area. Contact a local Service Provider for information specific to your location.

Customer Responsibilities for Warranty Service

Before warranty service is provided, you must take the following steps:

- follow the service request procedures specified by the Service Provider;

- backup or secure all programs and data contained in the product;
- provide the Service Provider with all system keys or passwords;
- provide the Service Provider with sufficient, free, and safe access to your facilities to perform service;
- remove all data, including confidential information, proprietary information and personal information, from the product or, if you are unable to remove any such information, modify the information to prevent its access by another party or so that it is not personal data under applicable law. The Service Provider shall not be responsible for the loss or disclosure of any data, including confidential information, proprietary information, or personal information, on a product returned or accessed for warranty service;
- remove all features, parts, options, alterations, and attachments not covered by the warranty;
- ensure that the product or part is free of any legal restrictions that prevent its replacement;
- if you are not the owner of a product or part, obtain authorization from the owner for the Service Provider to provide warranty service.

What Your Service Provider Will Do to Correct Problems

When you contact a Service Provider, you must follow the specified problem determination and resolution procedures.

The Service Provider will attempt to diagnose and resolve your problem by telephone, e-mail or remote assistance. The Service Provider may direct you to download and install designated software updates.

Some problems may be resolved with a replacement part that you install yourself called a “Customer Replaceable Unit” or “CRU.” If so, the Service Provider will ship the CRU to you for you to install.

If your problem cannot be resolved over the telephone; through the application of software updates or the installation of a CRU, the Service Provider will arrange for service under the type of warranty service designated for the product under “**Part 3 - Warranty Service Information**” below.

If the Service Provider determines that it is unable to repair your product, the Service Provider will replace it with one that is at least functionally equivalent.

If the Service Provider determines that it is unable to either repair or replace your product, your sole remedy under this Limited Warranty is to return the product to your place of purchase or to Lenovo for a refund of your purchase price.

Replacement Products and Parts

When warranty service involves the replacement of a product or part, the replaced product or part becomes Lenovo’s property and the replacement product or part becomes your property. Only unaltered Lenovo products and parts are eligible for replacement. The replacement product or part provided by Lenovo may not be new, but it will be in good working order and at least functionally equivalent to the original product or part. The replacement product or part shall be warranted for the balance of the period remaining on the original product.

Use of Personal Contact Information

If you obtain service under this warranty, you authorize Lenovo to store, use and process information about your warranty service and your contact information, including name, phone numbers, address, and e-mail address. Lenovo may use this information to perform service under this warranty. We may contact you to inquire about your satisfaction with our warranty service or to notify you about any product recalls or safety issues. In accomplishing these purposes, you authorize Lenovo to transfer your information to any country where we do business and to provide it to entities acting on our behalf. We may also disclose it where required by law. Lenovo’s privacy policy is available at www.lenovo.com/.

What this Warranty Does not Cover

This warranty does not cover the following:

- uninterrupted or error-free operation of a product;
- loss of, or damage to, your data by a product;
- any software programs, whether provided with the product or installed subsequently;
- failure or damage resulting from misuse, abuse, accident, modification, unsuitable physical or operating environment, natural disasters, power surges, improper maintenance, or use not in accordance with product information materials;
- damage caused by a non-authorized service provider;
- failure of, or damage caused by, any third party products, including those that Lenovo may provide or integrate into the Lenovo product at your request;
- any technical or other support, such as assistance with “how-to” questions and those regarding product set-up and installation;
- products or parts with an altered identification label or from which the identification label has been removed.

Limitation of Liability

Lenovo is responsible for loss or damage to your product only while it is in the Service Provider’s possession or in transit, if the Service Provider is responsible for the transportation.

Neither Lenovo nor the Service Provider is responsible for loss or disclosure of any data, including confidential information, proprietary information, or personal information, contained in a product.

UNDER NO CIRCUMSTANCES, AND NOTWITHSTANDING THE FAILURE OF ESSENTIAL PURPOSE OF ANY REMEDY SET FORTH HEREIN, SHALL LENOVO, ITS AFFILIATES, SUPPLIERS, RESELLERS, OR SERVICE PROVIDERS BE LIABLE FOR ANY OF THE FOLLOWING EVEN IF INFORMED OF THEIR POSSIBILITY AND REGARDLESS OF WHETHER THE CLAIM IS BASED IN CONTRACT, WARRANTY, NEGLIGENCE, STRICT LIABILITY OR OTHER THEORY OF LIABILITY: 1) THIRD PARTY CLAIMS AGAINST YOU FOR DAMAGES; 2) LOSS, DAMAGE OR DISCLOSURE OF YOUR DATA; 3) SPECIAL, INCIDENTAL, PUNITIVE, INDIRECT OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO LOST PROFITS, BUSINESS REVENUE, GOODWILL OR ANTICIPATED SAVINGS. IN NO CASE SHALL THE TOTAL LIABILITY OF LENOVO, ITS AFFILIATES, SUPPLIERS, RESELLERS OR SERVICE PROVIDERS FOR DAMAGES FROM ANY CAUSE EXCEED THE AMOUNT OF ACTUAL DIRECT DAMAGES, NOT TO EXCEED THE AMOUNT PAID FOR THE PRODUCT.

THE FOREGOING LIMITATIONS DO NOT APPLY TO DAMAGES FOR BODILY INJURY (INCLUDING DEATH), DAMAGE TO REAL PROPERTY OR DAMAGE TO TANGIBLE PERSONAL PROPERTY FOR WHICH LENOVO IS LIABLE UNDER LAW. AS SOME STATES OR JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

Your Other Rights

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY HAVE OTHER RIGHTS ACCORDING TO THE APPLICABLE LAWS OF YOUR STATE OR JURISDICTION. YOU MAY ALSO HAVE OTHER RIGHTS UNDER A WRITTEN AGREEMENT WITH LENOVO. NOTHING IN THIS WARRANTY AFFECTS STATUTORY RIGHTS, INCLUDING RIGHTS OF CONSUMERS UNDER LAWS OR REGULATIONS GOVERNING THE SALE OF CONSUMER GOODS THAT CANNOT BE WAIVED OR LIMITED BY CONTRACT.

Part 2 - Country-specific Terms

Australia

“Lenovo” means Lenovo (Australia & New Zealand) Pty Limited ABN 70 112 394 411. Address: Level 10, North Tower, 1-5 Railway Street, Chatswood, NSW, 2067. Telephone: +61 2 8003 8200. Email: lensyd_au@lenovo.com

The following replaces the same section in Part 1:

What this Warranty Covers:

Lenovo warrants that each hardware product that you purchase is free from defects in materials and workmanship under normal use and conditions during the warranty period. If the product fails due to a covered defect during the warranty period, Lenovo will provide you a remedy under this Limited Warranty. The warranty period for the product starts on the original date of purchase specified on your sales receipt or invoice unless Lenovo informs you otherwise in writing. The warranty period and type of warranty service that apply to your product are set forth below in **Part 3 - Warranty Service Information**.

THE BENEFITS GIVEN BY THIS WARRANTY ARE IN ADDITION TO YOUR RIGHTS AND REMEDIES AT LAW, INCLUDING THOSE UNDER THE AUSTRALIAN CONSUMER LAW.

The following replaces the same section in Part 1:

Replacement Products and Parts:

When warranty service involves the replacement of a product or part, the replaced product or part becomes Lenovo’s property and the replacement product or part becomes your property. Only unaltered Lenovo products and parts are eligible for replacement. The replacement product or part provided by Lenovo may not be new, but it will be in good working order and at least functionally equivalent to the original product or part. The replacement product or part shall be warranted for the balance of the period remaining on the original product. Products and parts presented for repair may be replaced by refurbished products or parts of the same type rather than being repaired. Refurbished parts may be used to repair the product; and repair of the product may result in loss of data, if the product is capable of retaining user-generated data.

The following is added to the same section in Part 1:

Use of Personal Contact Information:

Lenovo will not be able to perform our service under this warranty if you refuse to provide your information or do not wish us to transfer your information to our agent or contractor. You have the right to access your personal contact information and request correction of any errors in it pursuant to the Privacy Act 1988 by contacting Lenovo.

The following replaces the same section in Part 1:

Limitation of Liability:

Lenovo is responsible for loss or damage to your product only while it is in the Service Provider’s possession or in transit, if the Service Provider is responsible for the transportation.

Neither Lenovo nor the Service Provider is responsible for loss or disclosure of any data, including confidential information, proprietary information, or personal information, contained in a product.

TO THE EXTENT PERMITTED BY LAW, UNDER NO CIRCUMSTANCES AND NOTWITHSTANDING THE FAILURE OF ESSENTIAL PURPOSE OF ANY REMEDY SET FORTH HEREIN, SHALL LENOVO, ITS AFFILIATES, SUPPLIERS, RESELLERS, OR SERVICE PROVIDERS BE LIABLE FOR ANY OF THE FOLLOWING EVEN IF INFORMED OF THEIR POSSIBILITY AND REGARDLESS OF WHETHER THE CLAIM IS BASED IN CONTRACT, WARRANTY, NEGLIGENCE, STRICT LIABILITY OR OTHER THEORY

OF LIABILITY: 1) THIRD PARTY CLAIMS AGAINST YOU FOR DAMAGES; 2) LOSS, DAMAGE OR DISCLOSURE OF YOUR DATA; 3) SPECIAL, INCIDENTAL, PUNITIVE, INDIRECT OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO LOST PROFITS, BUSINESS REVENUE, GOODWILL OR ANTICIPATED SAVINGS. IN NO CASE SHALL THE TOTAL LIABILITY OF LENOVO, ITS AFFILIATES, SUPPLIERS, RESELLERS OR SERVICE PROVIDERS FOR DAMAGES FROM ANY CAUSE EXCEED THE AMOUNT OF ACTUAL DIRECT DAMAGES, NOT TO EXCEED THE AMOUNT PAID FOR THE PRODUCT.

THE FOREGOING LIMITATIONS DO NOT APPLY TO DAMAGES FOR BODILY INJURY (INCLUDING DEATH), DAMAGE TO REAL PROPERTY OR DAMAGE TO TANGIBLE PERSONAL PROPERTY FOR WHICH LENOVO IS LIABLE UNDER LAW.

The following replaces the same section in Part 1:

Your Other Rights:

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU ALSO HAVE OTHER RIGHTS AT LAW, INCLUDING UNDER THE AUSTRALIAN CONSUMER LAW. NOTHING IN THIS WARRANTY AFFECTS STATUTORY RIGHTS OR RIGHTS AT LAW, INCLUDING RIGHTS THAT CANNOT BE WAIVED OR LIMITED BY CONTRACT.

For example, our products come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the products repaired or replaced if the products fail to be of acceptable quality and the failure does not amount to a major failure.

New Zealand

The following is added to the same section in Part 1:

Use of Personal Information:

Lenovo will not be able to perform our service under this warranty if you refuse to provide your information or do not wish us to transfer your information to our agent or contractor. You have the right to access your personal information and request correction of any errors in it pursuant to the Privacy Act 1993 by contacting Lenovo (Australia & New Zealand) Pty Limited ABN 70 112 394 411. Address: Level 10, North Tower, 1-5 Railway Street, Chatswood, NSW, 2067. Telephone: 61 2 8003 8200. Email: lensyd_au@lenovo.com

Bangladesh, Cambodia, India, Indonesia, Nepal, Philippines, Vietnam and Sri Lanka

The following is added to Part 1:

Dispute Resolution

Disputes arising out of or in connection with this warranty shall be finally settled by arbitration held in Singapore. This warranty shall be governed, construed and enforced in accordance with the laws of Singapore, without regard to conflict of laws. If you acquired the product in **India**, disputes arising out of or in connection with this warranty shall be finally settled by arbitration held in Bangalore, India. Arbitration in Singapore shall be held in accordance with the Arbitration Rules of Singapore International Arbitration Center ("SIAC Rules") then in effect. Arbitration in India shall be held in accordance with the laws of India then in effect. The arbitration award shall be final and binding on the parties without appeal. Any award shall be in writing and set forth the findings of fact and the conclusions of law. All arbitration proceedings, including all documents presented in such proceedings shall be conducted in the English language. The English language version of this warranty prevails over any other language version in such proceedings.

European Economic Area (EEA)

The following is added to Part 1:

Customers in the EEA may contact Lenovo at the following address: EMEA Service Organisation, Lenovo (International) B.V., Floor 2, Einsteinova 21, 851 01, Bratislava, Slovakia. Service under this warranty for Lenovo hardware products purchased in EEA countries may be obtained in any EEA country in which the product has been announced and made available by Lenovo.

Russia

The following is added to Part 1:

Product Service Life

The product service life is four (4) years from the original date of purchase.

Part 3 - Warranty Service Information

Product Type	Country or Region of Purchase	Warranty Period	Type of Warranty Service
ThinkPad N5321 Mobile Broadband HSPA+	Worldwide	1 year	1, 4

If required, your Service Provider will provide repair or exchange service depending on the type of warranty service specified for your product and the available service. Scheduling of service will depend upon the time of your call, parts availability, and other factors.

Types of Warranty Service

1. Customer Replaceable Unit (“CRU”) Service

Under CRU Service, the Service Provider will ship CRUs to you at its cost for installation by you. CRU information and replacement instructions are shipped with your product and are available from Lenovo at any time upon request. CRUs that are easily installed by you are called “Self-service CRUs”. “Optional-service CRUs” are CRUs that may require some technical skill and tools. Installation of Self-service CRUs is your responsibility. You may request that a Service Provider install Optional-service CRUs under one of the other types of warranty service designated for your product. An optional service offering may be available for purchase from a Service Provider or Lenovo under which Self-service CRUs would be installed for you. You may find a list of CRUs and their designation in the publication that was shipped with your product or at www.lenovo.com/CRUs. The requirement to return a defective CRU, if any, will be specified in the instructions shipped with a replacement CRU. When return is required: 1) return instructions, a prepaid return shipping label, and a container will be included with the replacement CRU; and 2) you may be charged for the replacement CRU if the Service Provider does not receive the defective CRU from you within thirty (30) days of your receipt of the replacement CRU.

2. On-site Service

Under On-Site Service, a Service Provider will either repair or exchange the product at your location. You must provide a suitable working area to allow disassembly and reassembly of the product. Some repairs may need to be completed at a service center. If so, the Service Provider will send the product to the service center at its expense.

3. Courier or Depot Service

Under Courier or Depot Service, your product will be repaired or exchanged at a designated service center, with shipping at the expense of the Service Provider. You are responsible for disconnecting the product and

packing it in a shipping container provided to you to return your product to a designated service center. A courier will pick up your product and deliver it to the designated service center. The service center will return the product to you at its expense.

4. Customer Carry-In Service

Under Customer Carry-In Service, your product will be repaired or exchanged after you deliver it to a designated service center at your risk and expense. After the product has been repaired or exchanged, it will be made available to you for collection. If you fail to collect the product, the Service Provider may dispose of the product as it sees fit, with no liability to you.

5. Mail-In Service

Under Mail-In Service, your product will be repaired or exchanged at a designated service center after you deliver it at your risk and expense. After the product has been repaired or exchanged, it will be returned to you at Lenovo's risk and expense, unless the Service Provider specifies otherwise.

6. Customer Two-Way Mail-In Service

Under Customer Two-Way Mail-In Service, your product will be repaired or exchanged after you deliver it to a designated service center at your risk and expense. After the product has been repaired or exchanged, it will be made available to you for return shipping at your risk and expense. If you fail to arrange return shipment, the Service Provider may dispose of the product as it sees fit, with no liability to you.

7. Product Exchange Service

Under Product Exchange Service, Lenovo will ship a replacement product to your location. You are responsible for its installation and verification of its operation. The replacement product becomes your property in exchange for the failed product, which becomes the property of Lenovo. You must pack the failed product in the shipping carton in which you received the replacement product and return it to Lenovo. Transportation charges, both ways, shall be at Lenovo's expense. If you fail to use the carton in which the replacement product was received, you may be responsible for any damage to the failed product occurring during shipment. You may be charged for the replacement product if Lenovo does not receive the failed product within thirty (30) days of your receipt of the replacement product.

Suplemento de Garantía para México

Este Suplemento se considera parte integrante de la Garantía Limitada de Lenovo y será efectivo única y exclusivamente para los productos distribuidos y comercializados dentro del Territorio de los Estados Unidos Mexicanos. En caso de conflicto, se aplicarán los términos de este Suplemento.

Todos los programas de software precargados en el equipo sólo tendrán una garantía de treinta (30) días por defectos de instalación desde la fecha de compra. Lenovo no es responsable de la información incluida en dichos programas de software y/o cualquier programa de software adicional instalado por Usted o instalado después de la compra del producto.

Los servicios no cubiertos por la garantía se cargarán al usuario final, previa obtención de una autorización.

En el caso de que se precise una reparación cubierta por la garantía, por favor, llame al Centro de soporte al cliente al 001-866-434-2080, donde le dirigirán al Centro de servicio autorizado más cercano. Si no existiese ningún Centro de servicio autorizado en su ciudad, población o en un radio de 70 kilómetros de su ciudad o población, la garantía incluirá cualquier gasto de entrega razonable relacionado con el transporte del producto a su Centro de servicio autorizado más cercano. Por favor, llame al Centro de servicio autorizado más cercano para obtener las aprobaciones necesarias o la información relacionada con el envío del producto y la dirección de envío.

Para obtener una lista de los Centros de servicio autorizados, por favor, visite:
<http://www.lenovo.com/mx/es/servicios>

Importado por:

Lenovo México S. de R.L. de C.V.

Av. Santa Fe 505, Piso 15

Col. Cruz Manca

Cuajimalpa, D.F., México

C.P. 05349

Tel. (55) 5000 8500

Appendix C. Wireless related information

Usage environment and your health

The wireless WAN adapter emits radio frequency electromagnetic energy similar to other radio devices. However, the level of energy emitted is much less than the electromagnetic energy emitted by wireless devices such as a cell phone.

Because the wireless WAN adapter operates within the guidelines found in radio frequency safety standards and recommendations, Lenovo believes that the integrated wireless WAN adapter is safe for use by consumers. These standards and recommendations reflect the consensus of the scientific community and result from deliberations of panels and committees of scientists who continually review and interpret the extensive research literature.

In some situations or environments, the use of the wireless WAN adapter may be restricted by the proprietor of the building or responsible representatives of the organization. These situations and areas may include:

- Using the integrated wireless WAN adapter in an airplane, in a hospital, near petrol stations, blasting areas (with electro-explosive devices), medical implants, or body-worn electronic medical devices such as pace makers.
- In any other environment where the risk of interference to other devices or services is perceived or identified as harmful.

If you are uncertain of the policy that applies on the use of wireless devices in a specific organization like an airport or a hospital, you are encouraged to ask for authorization to use the wireless WAN adapter prior to turning on the ThinkPad computer.

Appendix D. Electronic emission notices

The following information refers to the ThinkPad N5321 Mobile Broadband HSPA+ (Model: N5321).

Federal Communications Commission (FCC) Declaration of Conformity

ThinkPad N5321 Mobile Broadband HSPA+ - 0C52883

Model: N5321

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult an authorized dealer or service representative for help.

Lenovo is not responsible for any radio or television interference caused by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Responsible Party:

Lenovo (United States) Incorporated
1009 Think Place-Building One
Morrisville, NC 27560
Telephone: 1-919-294-5900



USA - Federal Communications Commission (FCC)

If your computer integrates the wireless WAN adapter (Model: N5321), you may connect it to the radiocommunication Public Network in the USA.

FCC ID of the wireless adapter

FCC ID: VV7-MBMN5321 (Model: N5321)

There is no FCC ID for the wireless communication cards shown on the enclosure of your computer. Instead you will find an indicator pointing to the location of the FCC ID on the bottom of your computer. The FCC ID is affixed on the approved adapter installed in the corresponding card slot, and the FCC ID is visible prior to installation. For the location of the FCC ID indicator and the slot, see “FCC ID and IC Certification information” in *User Guide*.

Installation of the approved wireless adapter

If no integrated wireless WAN card has been preinstalled in your computer, you can install one, provided by Lenovo as an option. Plug the wireless option adapter into the corresponding slot. For the installation procedure, see “Replacing an M.2 wireless WAN card” in *User Guide*.

Attention: The computers contain an authentication mechanism. If you install an unauthorized wireless communication card that is not approved for use in your computer, the computer will not start, but only displays an error message and emits audible beeps.

FCC RF Exposure compliance

The radiated output power of the wireless communication card authorized to use for your computer is far below the FCC radio frequency exposure limits. Nevertheless, it shall be used in such a manner that the potential for human contact during normal operation is minimized as follows:

CAUTION:

To comply with FCC RF exposure compliance requirements, a separation distance of at least 20 cm (8 inches) must be maintained between the antennas connected to the wireless communication cards and all persons. If the distance may not be maintained while the computer is closed, you must select sleep as the power mode when closing the display.

The transmission antennas for the wireless communication cards are located in the LCD cover. See “Locations of the UltraConnect™ wireless antennas” in *User Guide*.

Emergency Calls

The wireless WAN adapter embedded in the computer does not support voice calls, hence their use for essential communication is not possible, including emergency calls regarding the E911 rule.

Simultaneous use of RF transmitters

The wireless WAN adapter is approved for simultaneous use with certain wireless transmitters. For a list of those transmitters, refer to the latest *ThinkPad Regulatory Notice*, which has been uploaded on the Web site at: <http://www.lenovo.com/think/support>

Make sure of the following conditions when you use any other external RF option device:

1. When you use any other RF option device, you are requested to confirm that the device conforms to the RF Safety requirement and is approved to use for your computer.
2. You must follow the RF Safety instructions of the RF option device that are included in the user manual of the RF option device.
3. If the RF option device is prohibited to use in conjunction with another transmitters, you must turn off all other wireless features in your computer.

Canada - Industry Canada (IC)

IC Certification number

User installable wireless WAN adapter:

- IC: 287AG-MBMN5321 (Model: N5321)

There is no certification number of Industry Canada for the wireless communication card shown on the enclosure of your computer. Instead you will find an indicator pointing to the location of the IC Certification number on the bottom of your computer. The IC certification number is affixed on the approved adapter installed in the corresponding slot, and the IC Certification number is visible prior to installation. For the location of the IC Certification number indicator and the slot, see "FCC ID and IC Certification information" in *User Guide*.

Attention: The computer contains an authentication mechanism. You can install or remove each wireless adapter by yourself. If you install an unauthorized wireless adapter that is not approved for use in the computer, the computer will not start, but only displays an error message and emits audible beeps.

Exposure of humans to RF fields (RSS-102)

The computers employ low gain integral antennas that do not emit RF field in excess of Health Canada limits for the general population; consult Safety Code 6, obtainable from Health Canada's Web site at <http://www.hc-sc.gc.ca/>

The radiated energy from the antenna connected to the wireless WAN adapter conforms to the IC limit of the RF exposure requirement regarding IC RSS-102, Issue 2 clause 4.2.

Industry Canada Class B Emission Compliance Statement

This Class B digital apparatus complies with Canadian ICES-003.

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Numéro d'homologation IC

Module sans fil installable par l'utilisateur:

IC: 287AG-MBMN5321 (Model: N5321)

Le numéro de certification IC (Industrie Canada) pour la carte de communication sans fil ne figure pas sur le boîtier de votre ordinateur. En revanche, sous votre ordinateur, vous trouverez une indication vous précisant l'emplacement du numéro de certification IC. Le numéro de certification IC figure sur la carte homologuée installée dans le logement correspondant et est visible avant l'installation. Pour connaître l'emplacement du numéro de certification IC et du logement, reportez-vous à la section « Etiquette d'identification FCC et du numéro de certification IC » du Guide d'utilisation.

Attention: L'ordinateur renferme un mécanisme d'authentification. Vous pouvez installer ou retirer chaque carte sans fil vous-même. Si vous installez une carte sans fil qui n'est pas homologuée dans votre ordinateur, l'ordinateur ne démarrera pas mais affichera un message d'erreur et générera des bips sonores.

Exposition des êtres humains aux champs radioélectriques (RF) (CNR-102)

L'ordinateur utilise des antennes intégrales à faible gain qui n'émettent pas un champ électromagnétique supérieur aux normes imposées par le Ministère de la santé canadien pour la population. Consultez le Safety Code 6 sur le site Web du Ministère de la santé canadien à l'adresse <http://www.hc-sc.gc.ca/>

L'énergie émise par l'antenne reliée au adaptateur sans fil respecte la limite d'exposition aux radiofréquences telle que définie par Industrie Canada dans la clause 4.2 du document CNR-102.

Avis de conformité à la réglementation d'Industrie Canada

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Le fonctionnement de ce type d'appareil est soumis aux deux conditions suivantes: (1) Cet appareil ne doit pas perturber les communications radio, et (2) cet appareil doit supporter toute perturbation, y compris les perturbations qui pourraient provoquer son dysfonctionnement.

Europe - EU Declaration of Conformity

Products intended for sale within the European Union are marked with the European Conformity (CE) Marking, which indicates compliance with the applicable Directives and European Norms, and amendments, identified below.

For model: N5321



Hereby, Ericsson Corporate, declares that this *Ericsson Mobile Broadband Module N5321* is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. The product *Ericsson Mobile Broadband Module N5321* is for connection to the GSM or 3G mobile communications network.

С настоящето Ericsson Corporate декларира, че тази *Ericsson Mobile Broadband Module N5321* е в съответствие с основните изисквания и другите уместни условия на Директива 1999/5/EC. Продуктът *Ericsson Mobile Broadband Module N5321* е за свързване към GSM или 3G мобилна комуникационна мрежа.

Ovime, Ericsson Corporate, izjavljuje da *Ericsson Mobile Broadband Module N5321* kartica je sukladna sa nužnim i bitnih zahtjevima direktive 1999/5/EC

Proizvod *Ericsson Mobile Broadband Module N5321* koriste se za konekciju na GSM ili 3G mobilnu mrežu.

Společnost Ericsson Corporate prohlašuje, že karta *Ericsson Mobile Broadband Module N5321* plňuje požadavky a další relevantní ustanovení směrnice 1999/5/EC.

Karta *Ericsson Mobile Broadband Module N5321* s louží pro připojení do systému GSM nebo do mobilní komunikační sítě 3G.

Ericsson Corporate erklærer hermed, at dette *Ericsson Mobile Broadband Module N5321* overholder de væsentlige krav og andre relevante bestemmelser i EU-direktiv 1999/5/EC.

Produktet *Ericsson Mobile Broadband Module N5321* er beregnet til forbindelse til GSM eller 3G-mobilkommunikationsnetværk.

Hiermit erklärt Ericsson Corporate, dass diese *Ericsson Mobile Broadband Module N5321* die wesentlichen Anforderungen sowie weitere relevante Bedingungen der Richtlinie "1999/5/EG" erfüllt.

Das Produkt *Ericsson Mobile Broadband Module N5321* dient zum Herstellen einer Verbindung zum GSM (Global System for Mobile Communications) oder zum mobilen Kommunikationsnetz "3G".

Ericsson Corporate kinnitab, et *Ericsson Mobile Broadband Module N5321* vastab direktiivi 1999/5/E põhinõuetele ja nimetatud direktiivist tulenevatele muudele asjakohastele sätetele.

See toode on mõeldud *Ericsson Mobile Broadband Module N5321* GSM- või 3G-mobiilsidevõrguga ühenduse loomiseks.

En este documento, Ericsson Corporate declara que esta tarjeta *Ericsson Mobile Broadband Module N5321* cumple los requisitos esenciales y otras provisiones relevantes de la Directiva 1999/5/EC. El producto *Ericsson Mobile Broadband Module N5321* se utiliza para la conexión a la red de comunicaciones móviles GSM o 3G.

Η Ericsson Corporate δηλώνει με την παρούσα ότι αυτό το *Ericsson Mobile Broadband Module N5321* συμμορφώνεται με τις ουσιώδεις απαιτήσεις και άλλες σχετικές διατάξεις της Οδηγίας 1999/5/EC της Ευρωπαϊκής Ένωσης. Το προϊόν *Ericsson Mobile Broadband Module N5321* προορίζεται για σύνδεση στο δίκτυο κινητής επικοινωνίας GSM ή 3G.

Ericsson Corporate déclare que cette carte *Ericsson Mobile Broadband Module N5321* est conforme aux exigences essentielles ainsi qu'aux autres dispositions applicables de la Directive 1999/5/CE. Cette carte *Ericsson Mobile Broadband Module N5321* permet de se connecter au réseau de communication mobile GSM ou 3G.

Hér með lýsir Ericsson Corporate því yfir að þetta *Ericsson Mobile Broadband Module N5321* er í samræmi við ítrustu kröfur og önnur viðkomandi ákvæði tilskipunar 1999/5/EC. Varan *Ericsson Mobile Broadband Module N5321* er til tengingar við GSM eða 3G farsímakerfið.

Con la presente, Ericsson Corporate, dichiara che questa scheda *Ericsson Mobile Broadband Module N5321* è conforme ai requisiti essenziali e ad altre disposizioni rilevanti della Direttiva 1999/5/EC. Il prodotto *Ericsson Mobile Broadband Module N5321* è riservato alla connessione alla rete di comunicazioni mobili GSM o 3G.

Ar šo dokumentu Ericsson Corporate paziņo, ka *Ericsson Mobile Broadband Module N5321* atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem saistītajiem nosacījumiem. Produkts *Ericsson Mobile Broadband Module N5321* ir paredzēts savienojuma izveidei ar GSM vai 3G mobilo sakaru tīklu.

Ericsson Corporate, parei škia, kad *Ericsson Mobile Broadband Module N5321* atitinka 1999/5/EB direktyvos pagrindinius reikalavimus ir kitas susijusias nuostatas. Gaminys *Ericsson Mobile Broadband Module N5321* skirtas ryšiui su GSM arba 3G mobiliojo ryšio tinklu.

Hierbij verklaart Ericsson Corporate, dat deze *Ericsson Mobile Broadband Module N5321* voldoet aan de essentiële vereisten en andere relevante bepalingen van Directive 1999/5/EC. Het product *Ericsson Mobile Broadband Module N5321* wordt gebruikt voor verbinding met het GSM- of 3G-netwerk voor mobiele communicatie.

Ericsson Corporate erklærer herved at *Ericsson Mobile Broadband Module N5321* er i samsvar med de viktigste kravene og andre relevante bestemmelser i EU-direktiv 1999/5/EØF. Produktet *Ericsson Mobile Broadband Module N5321* brukes ved tilkobling til mobilt GSM- eller 3G-kommunikasjonsnettverk.

A Ericsson Corporate ezúton is kijelenti, hogy a *Ericsson Mobile Broadband Module N5321* terméke megfelel az 1999/5/EC direktívában megfogalmazott alapvető követelményeknek és vonatkozó ajánlásoknak. A *Ericsson Mobile Broadband Module N5321* termék a GSM szolgáltatáshoz vagy a 3G mobil kommunikációs hálózathoz való csatlakozásra szolgál.

Ericsson Corporate deklaruje niniejszym, że karta *Ericsson Mobile Broadband Module N5321* jest zgodna z zasadniczymi wymaganiami i postanowieniami dyrektywy 1999/5/EC.

Karta *Ericsson Mobile Broadband Module N5321* przeznaczona jest do łączenia się z siecią komunikacyjną GSM lub 3G.

A Ericsson Corporate declara que a placa *Ericsson Mobile Broadband Module N5321* está em conformidade com os requisitos essenciais e com outras disposições relevantes da Directiva 1999/5/EC.

O produto *Ericsson Mobile Broadband Module N5321* destina-se a ser utilizado na ligação a redes de comunicações móveis GSM ou 3G.

Prin aceasta, Ericsson Corporate declară că *Ericsson Mobile Broadband Module N5321* respectă cerințele esențiale și alte prevederi ale Directivei 1999/5/EC.

Produsul *Ericsson Mobile Broadband Module N5321* este destinat conectării la rețeaua de comunicații mobile GSM sau 3G.

S tem podjetje Ericsson Corporate navaja, da ta kartica *Ericsson Mobile Broadband Module N5321* ustreza osnovnim zahtevam in drugim ustreznim določbam smernice 1999/5/EC.

Izdelek *Ericsson Mobile Broadband Module N5321* je namenjen povezavi z mobilnim komunikacijskim omrežjem GSM ali 3G.

Spoločnosť Ericsson Corporate týmto vyhlasuje, že toto zariadenie *Ericsson Mobile Broadband Module N5321* je v súlade s príslušnými požiadavkami a inými relevantnými uzneseniami Smernice 1999/5/EC.

Produkt *Ericsson Mobile Broadband Module N5321* je určený na pripojenie do mobilných komunikačných sietí GSM a 3G.

Ericsson Corporate ilmoittaa täten, että tämä *Ericsson Mobile Broadband Module N5321* -kortti on direktiivin 1999/5/EY pakollisten vaatimusten ja direktiivin muiden asiaankuuluvien määräysten mukainen.

Tuote *Ericsson Mobile Broadband Module N5321* on tarkoitettu käytettäväksi GSMtai 3G-matkaviestintäverkossa.

Härmed intygar Ericsson Corporate att produkten *Ericsson Mobile Broadband Module N5321* överensstämmer med väsentliga krav och andra relevanta bestämmelser i direktiv 1999/5/EG.

Produkten *Ericsson Mobile Broadband Module N5321* är avsedd för anslutning till mobilkommunikationsnät av typen GSM eller 3G.

For model: N5321



Declaration Of Conformity

Declaration of Conformity

We, Ericsson AB,
Lindholmspiren 11
417 56, Gothenburg, Sweden

Declare under our sole responsibility that the product(s)

Type of product: Ericsson Mobile Broadband Module

Model name: N5321

Product number(s): KRD 131 30/1

Intended use: GSM & UMTS Mobile Broadband Module; for integration into host products
to provide wireless communication.

Conforms to:

Radio Equipment and Telecommunication Terminal Equipment directive 1999/5/EC (Annex II).

The conformity, to which this declaration refers, is demonstrated by the application of the following
harmonized standards:

Health & Safety (Art 3.1a) EN 60950-1: 2006 + A11:2009 + A1:2010 + A12:2011 + AC:2011
EN 62311 : 2008

EMC (Art 3.1b) EN 301 489-1 : V1.9.2
EN 301 489-3 : V1.4.1
EN 301 489-7 : V1.3.1
EN 301 489-24: V1.5.1

RF spectrum efficiency (Art 3.2) EN 300 440-2 : V1.4.1
EN 301 511 : V9.0.2
EN 301 908-1 : V5.2.1
EN 301 908-2 : V5.2.1

CE 1909

Gothenburg, December 2012


Micael Hermansson
Director, Maintenance

Notice for users in Argentina (Nota para uso en Argentina)**For model: N5321**

Comision Nacional de Comunicaciones de Argentina (CNC) Transceptor Movil: H-11473

Notice for users in Brazil**For model: N5321****For model: N5321**

Portuguese	Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário.
English	This equipment is a secondary type device, that is, it is not protected against harmful interference, even if the interference is caused by a device of the same type, and it also cannot cause any interference to primary type devices.

Notice for users in Malaysia**For model: N5321**

Complies with SIRIM

Registration number: SQASI/TA/13/0106

Notice for users in Mexico**For model: N5321**

COFETEL: RTIERN513-0149

tarjeta PCI Express M.2 WWAN card

Advertensia:

En Mexico la operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada

Notice for users in the Philippines**For model: N5321**

Type Accepted

ESD-CPE-1302655

Notice for users in Serbia

N5321 adapter is certified by Ratel.

Notice for users in Singapore

Complies with
IDA Standards
DB102306

Notice for users in South Africa

N5321 adapter is certified by ICASA.



Notice for users in Taiwan

For model: N5321

電磁波警語

減少電磁波影響, 請妥適使用

Notice for users in the United Arab Emirates (UAE)

For model: N5321

Telecommunications Regulatory Authority (TRA) approved

TRA
REGISTERED No:
ER0102816/13
DEALER No:
DA0016892/09

Notice for users in Japan

日本国内で無線 WAN アダプターをご使用になる場合の注意

当該無線アダプターは、電波法および電気通信事業法により技術基準認証を下記のとおり取得しています。本製品をPC等の機器に装填して使用する場合は、本製品が当該のホスト機器に対し認証を受けていることをご確認ください。認証されていない機器での使用は、電波法の規定により認められていません。

認証申請者名	認証製品名	認証番号
Ericsson AB	N5321	D 12-5033 201 201-125790

Notice for users in Saudi Arabia
For model: N5321



هيئة الاتصالات وتقنية المعلومات
Communications and Information Technology Commission
(٢٣٩)



شهادة مطابقة
Conformity Certificate

Certificate No: 20130216101

رقم الشهادة : ٢٠١٣٠٢١٦١٠١

Applicant:	Ericsson AB	اسم المتقدم:
Order Date:	16 / 12 / 2012	تاريخ الطلب:
Contact Info:	P.O.Box / صندوق البريد / E-Mail/ بريد إلكتروني/ Bernie.fuller@ericsson.com	بيانات الاتصال:
Product Name:	Ericsson Mobile Broadband Module	اسم المنتج:
Product Model:	N5321	موديل المنتج:
Manufacturer:	Ericsson AB	المصنع:
Operating Frequency Range:	UMTS : (800 , 850 , 900 , 1900 , 2100) MHz , GSM : (900 , 1800) MHz , GPS : 1575.42 MHz	الترددات المستخدمة:
Maximum Output Power allowed (EIRP):	UMTS : 23 dBm GSMK : 33 dBm (GSM 900) , 30 dBm (GSM 1800) 8-PSK : 27 dBm (GSM 900) , 26 dBm (GSM 1800)	طاقة الخرج القصوى المسموحة:
Issue Date:	16/02/2013	تاريخ الإصدار:
Validity Period:	One Year	مدة الصلاحية:
Device comply with CITC technical Specification No.:	RI001 , RI056 , RI102	الجهاز مطابق لمواصفة الهيئة رقم:
Additional Requirement	-	متطلبات إضافية

بناءً على نظام الاتصالات الصادر بالمرسوم الملكي ذي الرقم (١٢/م) والتاريخ ١٤٢٢/٠٣/١٢هـ، ولاتحته التنفيذية، وبموجب تنظيم هيئة الاتصالات وتقنية المعلومات بقرار مجلس الوزراء رقم (٧٤) والتاريخ ١٤٢٢/٠٣/٠٥هـ، فقد أصدرت الهيئة هذه الوثيقة بخصوص مطابقة الجهاز المشار إليه أعلاه، علماً بأن هذه الوثيقة لا تعتبر موافقة على فتح الأجهزة المشار إليها أعلاه أو الترخيص باستخدامها، بل هي شهادة مطابقة للمواصفات الفنية المعمول بها بالهيئة. كما أن هذه الشهادة قد صدرت عن الهيئة بناءً على المعلومات المتاحة لها والتي وفرتها الجهة المستوردة أو المصنعة وقت صدور هذه الشهادة، ولا يجوز استخدام أو حيازة الأجهزة أو المتاجرة بها بصورة تخالف أحكام وأنظمة هيئة الاتصالات وتقنية المعلومات والأنظمة الأخرى ذات العلاقة المعمول بها في المملكة وتحمل الجهة المستوردة أو المصنعة وحدها المسؤولية عن أية أضرار أو خسائر أو إصابات قد تنشأ عن حيازة أو استخدام هذه الأجهزة أو المتاجرة بها. وفي حال طعن الأجهزة مصنعة خارج المملكة فإنه يجب التقدم إلى الهيئة من قبل المستورد بطلب لفحص الأجهزة قبل وقت وصولها إلى أحد المنافذ الجمركية.

صدرت من قبل قطاع الشؤون الفنية - إدارة المعايير الفنية واعتماد النوعية



ص ب ٧٥١٠٦ الرياض ١١٥٨٨ - المملكة العربية السعودية - هاتف ٤٦١٨ ٠٠٠ (٩٦٦-١) - فاكس ٤٦١٨ ١٢٠ (٩٦٦-١) - الموقع الإلكتروني www.citc.gov.sa
P.O.Box:75606 Riyadh11588 Kingdom of Saudi Arabia - Tel:(966-1)4618000 - Fax:(966-1)4618120 - Web Site: www.citc.gov.sa

Appendix E. Notices

Lenovo may not offer the products, services, or features discussed in this document in all countries. Consult your local Lenovo representative for information on the products and services currently available in your area. Any reference to a Lenovo product, program, or service is not intended to state or imply that only that Lenovo product, program, or service may be used. Any functionally equivalent product, program, or service that does not infringe any Lenovo intellectual property right may be used instead. However, it is the user's responsibility to evaluate and verify the operation of any other product, program, or service.

Lenovo may have patents or pending patent applications covering subject matter described in this document. The furnishing of this document does not give you any license to these patents. You can send license inquiries, in writing, to:

*Lenovo (United States), Inc.
1009 Think Place - Building One
Morrisville, NC 27560
U.S.A.
Attention: Lenovo Director of Licensing*

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This information could include technical inaccuracies or typographical errors. Changes are periodically made to the information herein; these changes will be incorporated in new editions of the publication. Lenovo may make improvements and/or changes in the product(s) and/or the program(s) described in this publication at any time without notice.

Recycling information

Lenovo encourages owners of information technology (IT) equipment to responsibly recycle their equipment when it is no longer needed. Lenovo offers a variety of programs and services to assist equipment owners in recycling their IT products. For information on recycling Lenovo products, go to:
<http://www.lenovo.com/recycling>

Recycling and disposal information for Japan is available at:
<http://www.lenovo.com/recycling/japan>

Recycling information for Brazil

Declarações de Reciclagem no Brasil

Descarte de um Produto Lenovo Fora de Uso

Equipamentos elétricos e eletrônicos não devem ser descartados em lixo comum, mas enviados à pontos de coleta, autorizados pelo fabricante do produto para que sejam encaminhados e processados por empresas especializadas no manuseio de resíduos industriais, devidamente certificadas pelos órgãos ambientais, de acordo com a legislação local.

A Lenovo possui um canal específico para auxiliá-lo no descarte desses produtos. Caso você possua um produto Lenovo em situação de descarte, ligue para o nosso SAC ou encaminhe um e-mail para: reciclar@lenovo.com, informando o modelo, número de série e cidade, a fim de enviarmos as instruções para o correto descarte do seu produto Lenovo.

Trademarks

The following terms are trademarks of Lenovo in the United States, other countries, or both:

Access Connections

Lenovo

ThinkPad

ThinkVantage

UltraConnect

Microsoft and Windows are trademarks of the Microsoft group of companies.

Other company, product, or service names may be trademarks or service marks of others.

Appendix F. Restriction of Hazardous Substances Directive (RoHS)


European Union RoHS

Lenovo products sold in the European Union, on or after 3 January 2013 meet the requirements of Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment ("RoHS recast" or "RoHS 2").

For more information about Lenovo progress on RoHS, go to:
http://www.lenovo.com/social_responsibility/us/en/RoHS_Communication.pdf

China RoHS

The information in the following table is applicable for products manufactured on or after March 1, 2007 for sale in the People's Republic of China.

Lenovo 电脑选件	有毒有害物质或元素					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
无线设备	X	O	O	O	O	O
<p>O: 表示该有毒有害物质在该部件所有均质材料中的含量均在SJ/T 11363-2006标准规定的限量要求以下。 X: 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出SJ/T 11363-2006标准规定的限量要求。 对于销往欧盟的产品, 标有“X”的项目均符合欧盟指令2002/95/EC 豁免条款。</p> <p> 在中华人民共和国境内销售的电子信息产品上将印有“环保使用期”(EPUP)符号。圆圈中的数字代表产品的正常环保使用年限。</p>						

Turkish RoHS

The Lenovo product meets the requirements of the Republic of Turkey Directive on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (EEE).

Türkiye EEE Yönetmeliğine Uygunluk Beyanı

Bu Lenovo ürünü, T.C. Çevre ve Orman Bakanlığı'nın "Elektrik ve Elektronik Eşyalarda Bazı Zararlı Maddelerin Kullanımının Sınırlandırılmasına Dair Yönetmelik (EEE)" direktiflerine uygundur.

EEE Yönetmeliğine Uygundur.

Ukraine RoHS

Цим підтверджуємо, що продукція Леново відповідає вимогам нормативних актів України, які обмежують вміст небезпечних речовин

India RoHS

RoHS compliant as per E-Waste (Management & Handling) Rules, 2011.

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